

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-33 (Cancelled)

34. (New) A powder inhaler for administering powder by inhalation, comprising:
- a dosing unit for providing a dose of powder; and
 - a flow path downstream of the dosing unit which is defined by a plurality of surfaces through which a stream of air entraining the dose of powder is in use drawn on inhalation by a user;
- characterized in that at least one of the surfaces of the flow path is movable relative to at least one other of the surfaces of the flow path and in that the inhaler further comprises a powder dislodging member which is of fixed position relative to one of the at least one or at least one other of the surfaces of the flow path and is configured on relative movement of the at least one and one other of the surfaces of the flow path, to contact the other of the at least one or at least one other of the surfaces of the flow path such as to dislodge powder accumulated thereon,
- wherein the powder dislodging member comprises one of a scraper or a brush.
35. (New) A powder inhaler for administering powder by inhalation comprising:
- a dosing unit for providing a dose of powder; and
 - a flow path downstream of the dosing unit which is defined by a plurality of surfaces through which a stream of air entraining the dose of powder is in use drawn on inhalation by a user;
- characterized in that the inhaler further comprises a scraper which is movable relative to at least one of the surfaces of the flow path and is configured, on movement

thereof relative to the at least one of the surfaces of the flow path, to contact the at least one of the surfaces of the flow path such as to dislodge powder accumulated thereon.

36. (New) The inhaler according to claim 35, wherein the at least one of the surfaces of the flow path is movable relative to at least one other of the surfaces of the flow path and the scraper is of fixed position relative to the at least one other of the surfaces of the flow path.
37. (New) The inhaler according to claim 35, wherein the flow path includes a chamber which includes an inlet and an outlet.
38. (New) The inhaler according to claim 37, wherein the at least one of the surfaces of the flow path defines at least part of the chamber.
39. (New) The inhaler according to claim 38, wherein the at least one and the at least one other of the surfaces of the flow path define at least in part opposed surfaces of the chamber and include the inlet and the outlet thereto.
40. (New) The inhaler according to claim 39, further comprising a storage chamber for storing a plurality of doses of powder, which storage chamber includes a filling inlet in one of the opposed surfaces of the chamber, and a plug for sealing the filling inlet of the storage chamber, which plug includes the scraper.
41. (New) The inhaler according to claim 35, further comprising a mouthpiece which includes one of the at least one or at least one other of the surfaces of the flow path.
42. (New) A powder inhaler for administering powder by inhalation, comprising:
an inhaler body;

a dosing unit for providing a dose of powder;

a flow path downstream of the dosing unit which is defined by a plurality of surfaces through which a stream of air entraining the dose powder is in use drawn on inhalation by a user; and

a mouthpiece which is attached to inhaler body;

characterized in that at least part of the mouthpiece is rotatable relative to the inhaler body, in that the mouthpiece and the inhaler body include one or both of first and second relatively movable components which include cooperating surfaces and are resiliently biased towards one another and in that at least one of the cooperating surfaces includes one or more discontinuities such that on rotation of the at least part of the mouthpiece relative to the inhaler body the first and second components are moved relative to one another and vibrations are created in the inhaler such as to dislodge powder accumulated on at least one of the surfaces of the flow path.

43. (New) The inhaler according to claim 42, wherein the at least one of the cooperating surfaces has a saw-tooth cross section.
44. The inhaler according to claim 42, wherein the other of the cooperating surfaces is provided on a resiliently-biased arm.
45. (New) The inhaler according to claim 42, wherein the first and second components are relatively rotatable.
46. (New) The inhaler according to claim 45, wherein the at least one of the cooperating surfaces generally defines a circle.
47. (New) The inhaler according to claim 45, wherein the at least one of the cooperating surfaces is radially directed.

48. (New) The inhaler according to claim 45, wherein the at least one of the cooperating surfaces is axially directed.
49. (New) The inhaler according to claim 42, wherein the flow path includes a chamber which includes an inlet and an outlet.
50. (New) The inhaler according to claim 49, wherein the at least one of the surfaces of the flow path defines at least part of the chamber.
51. (New) The inhaler according to claim 49, wherein at least one of the surfaces of the chamber is flexible, which at least one surface of the chamber is connected to one of the cooperating surfaces and is flexed on relative movement of the first and second components.
52. (New) The inhaler according to claim 51, wherein the at least one surface of the chamber is defined by one of the first and second components.
53. (New) The inhaler according to claim 51, wherein the at least one surface of the chamber includes a surface opposed to the inlet thereof.
54. (New) A powder inhaler for administering powder by inhalation, comprising:
 - a main body including an outlet nozzle;
 - a cap for fitting to the main body;
 - a dosing unit for providing a dose of powder; and
 - a flow path downstream of the dosing unit which is in fluid communication with the outlet nozzle and is defined by a plurality of surfaces through which a stream of air entraining the dose of powder is drawn on inhalation by a user;

characterized in that the main body and the cap each include at least one component which include cooperating surfaces and are resiliently biased towards one another and in that at least one of the cooperating surfaces includes one or more discontinuities such that on fitting the cap to the main body the first and second components are moved relative to one another and vibrations are created in the inhaler such as to dislodge powder accumulated on at least one of the surfaces of the flow path.

55. (New) A powder inhaler for administering powder by inhalation, comprising;
a flow path which is defined by a plurality of surfaces through which a stream of air entraining powder is in use drawn on inhalation by a user;
a housing which includes a screw thread;
a mouthpiece which is attached to the housing, wherein at least part of the mouthpiece is rotatable relative to the housing and includes at least one of the surfaces of the flow path; and
a cap for covering at least the mouthpiece, which cap includes a screw thread for engaging the screw thread on the housing;
wherein the mouthpiece and the cap are configured such that at least part of the mouthpiece is rotated relative to the housing on one of screwing or unscrewing the cap; characterized in that the at least part of the mouthpiece remains substantially in fixed position relative to the housing on the other of screwing or unscrewing the cap.
56. (New) The inhaler according to claim 55, wherein at least one other of the surfaces of the flow path is of fixed position relative to the housing such that the at least one of the surfaces of the flow path is moved relative to the at least one other of the surfaces of the flow path on rotation of the at least part of the mouthpiece relative to the housing.

57. (New) The inhaler according to claim 55, wherein the mouthpiece and the cap each include parts which engage on the one of screwing or unscrewing the cap so as to rotate the at least part of the mouthpiece relative to the housing.
58. (New) The inhaler according to claim 57, wherein the engaging parts comprise at least one resiliently-biased member and at least one projection or recess, which at least one resiliently-biased member is configured to engage the at least one projection or recess on the one of screwing or unscrewing the cap.
59. (New) The inhaler according to claim 55, wherein the at least part of the mouthpiece is rotated relative to the housing on unscrewing the cap.
60. (New) The inhaler according to claim 55, wherein the housing includes a rotatable grip portion which in use is rotated to provide a dose of powder of inhalation, which grip portion is rotated to provide a dose of powder for inhalation in the same sense as that in which the cap is rotated to rotate the at least part of the mouthpiece relative to the housing.
61. (New) The inhaler according to claim 55, further comprising a rotation resistance mechanism for providing resistance to relative rotation of the least part of the mouthpiece and the housing.
62. (New) The inhaler according to claim 61, wherein the rotation resistance mechanism is configured so as to allow rotation of the mouthpiece relative to the housing on the other of screwing or unscrewing the cap only for forces greater than that required to rotate the cap on the one of screwing or unscrewing the cap.

63. (New) The inhaler according to claim 62, wherein the rotation resistance mechanism comprises a ratchet mechanism.
64. (New) The inhaler according to claim 62, wherein the inhaler is configured such that rotation of the at least part of the mouthpiece relative to the housing on the other of screwing or unscrewing the cap causes no damage thereto.
65. (New) A powder inhaler for administering powder by inhalation comprising;
a dosing unit for providing a dose of powder; and
a flow path downstream of the dosing unit which is defined by a plurality of surfaces through which a stream of air entraining the dose of powder is in use drawn on inhalation by a user;
characterized in that inhaler further comprises a loose element which is disposed within the flow path and in that the loose element is configured on movement thereof, to contact at least one of the surfaces of the flow path and dislodge powder accumulated thereon but not to obstruct the stream of air drawn through the flow path on inhalation by the user.
66. (New) The inhaler according to claim 65, wherein the flow path includes a chamber which includes an inlet and an outlet and the loose element is disposed within the chamber.
67. (New) The inhaler according to claim 65, wherein the loose element comprises a ring.
68. (New) The inhaler according to claim 65, wherein the loose element is composed of a metal.
69. (New) A powder inhaler for administering powder by inhalation comprising;

a dosing unit for providing a dose of powder; and
a flow path downstream of the dosing unit which is defined by a plurality of
surfaces through which a stream of air entraining the dose of powder is in use drawn on
inhalation by a user;

characterized in that the inhaler further comprises a plurality of flexible elements
which are disposed within the flow path and in that the flexible elements are configured,
on inhalation by a user, to contact at least one of the surfaces of the flow path and
dislodge powder accumulated thereon.

70. (New) The inhaler according to claim 69, wherein the flow path includes a chamber
which includes an inlet and an outlet.
71. (New) The inhaler according to claim 67, wherein the flexible elements are disposed at
the inlet to the chamber and are of such length and flexibility as to contact at least one of
the surfaces of the flow path defining at least part of the chamber on inhalation by the
user.
72. (New) A powder inhaler for administering powder by inhalation comprising;
a main body including an outlet nozzle;
a cap for fitting to the main body;
a dosing unit for providing a dose of powder; and
a flow path downstream of the dosing unit which is defined by a plurality of
surfaces through which a stream of air entraining the dose of powder is in the use drawn
on inhalation by a user;
characterized in that the cap includes a brush which is configured so as to be
inserted into the outlet nozzle when the cap is fitted to the main body and dislodge
powder accumulated in the outlet nozzle.